(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) No, Sir.

(b) Question does not arise.

(c) and (d) A request has been made by the Rajasthan Government for Central assistance relating to a special package for Ranthambhore and Sariska Tiger Reserves. The State Government has been asked to submit detailed proposals.

Role of forestry research institutes

†2092. SHRI DILIP SINGH JUDEV: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) the names of institutions which undertake study of problems of the country regarding environment and forestry in the country and matters relating to their protection together with the locations of these institutions;

(b) the amount provided by Government during the last three years alongwith details of works for which this amount was provided;

(c) the details of work accomplished by such institutions in Chhattisgarh and Madhya Pradesh; and

(d) the details of achievements of these institutions?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) The names of environment and forestry institutions under the Ministry of Environment and Forests which undertake study of problems related to environment and forestry are (i) Forest Research Institute, Dehradun, (ii) Himalayan Forest Research Institute, Shimla, (iii) Arid Forest Research Institute, Jodhpur, (iv) Institute of Forest Genetics and Tree Breeding, Coimbatore, (v) Institute of Wood Science and Technology, Bangalore, (vi) Institute of Forest Productivity, Ranchi, (vii) Rain Forest Research Institute, Jorhat, (viii) Tropical Forest Research Institute, Jabalpur and (ix) G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal, Almora.

† Original notice of the question was received in Hindi.

(b) The amount provided by the Government during 2002-03, 2003-04 and 2004-05 are Rs. 5433.33 lakhs, Rs. 5775.45 lakhs and Rs. 5476.59 lakhs respectively. It was provided to meet expenses towards salary, travel, research and development, purchase of research equipment, civil construction and maintenance besides grant to universities for imparting forestry training.

(c) Tropical Forest Research Institute, Jabalpur (Madhya Pradesh) and its centre for Forestry Research and Human Resource Development at Chhindwara (Chhattisgarh) cater to the forestry research needs of Madhya Pradesh and Chhattisgarh. The works accomplished by these institutions include research relating to non-wood forest products, rehabilitation of mined areas, development and demonstration of agro-forestry models, planting stock improvement, developing tissue culture protocols for difficult species of Central Indian forests and control of forest diseases and pests.

(d) The major achievements of these research institutions (over the years) include research related to sand due fixation, standardization of irrigation water regime in forestry plantation, ecology and management of forest pests, development of laminated wood from eucalyptus, wood substitutes, genetic improvement of forest trees, development of tissue culture protocols of tree species, research related to wood preservatives, development of agro-forestry and silvi-pasture models, standardization of nursery and plantation techniques, studies on mangroves, research on participatory forest management, climate change and bio-diversity, development and demonstration of packages for rehabilitation of degraded lands, catchment area protection, development of a plan for solid waste management, carrying capacity assessment and ambient air quality monitoring, demonstration of mountain risk engineering techniques, preparation of guidelines for location planning, rooftop water harvesting and application of green road concept in hills, promotion of medicinal plant sector through preparation of comprehensive inventory, status assessment and population dynamics studies of sensitive species besides documentation of Indigenous Knowledge System (IKS) of selected tribal communities and development of a digital IKS library.